Figure 1

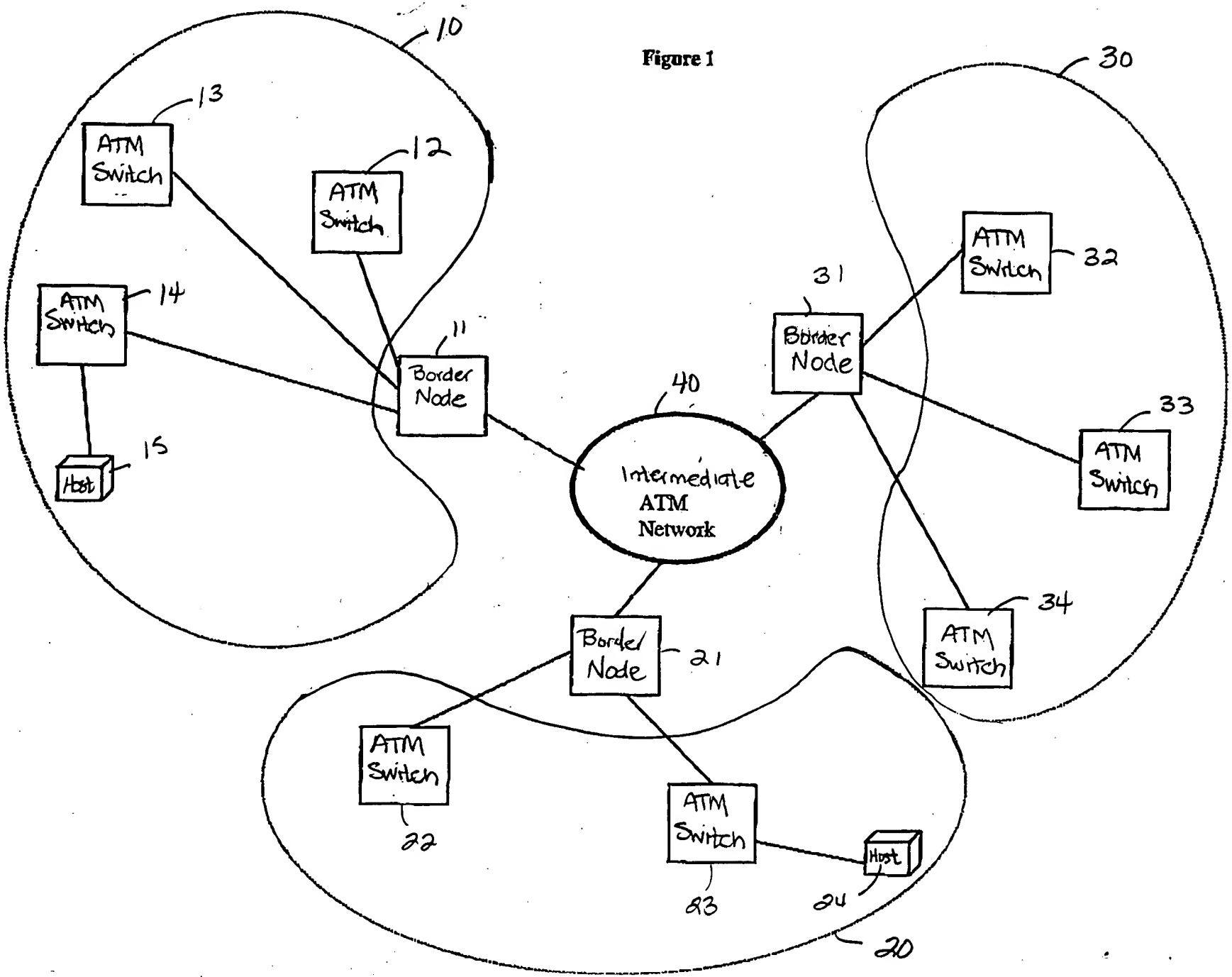

10
13
ATM Switch
12
ATM Switch
14
ATM Switch
11
Border Node
15
Host
40
Intermediate ATM Network
30
31
Border Node
ATM Switch
32
33
ATM Switch
34
ATM Switch
Border Node
21
ATM Switch
22
ATM Switch
23
Host
24
20

Figure 2

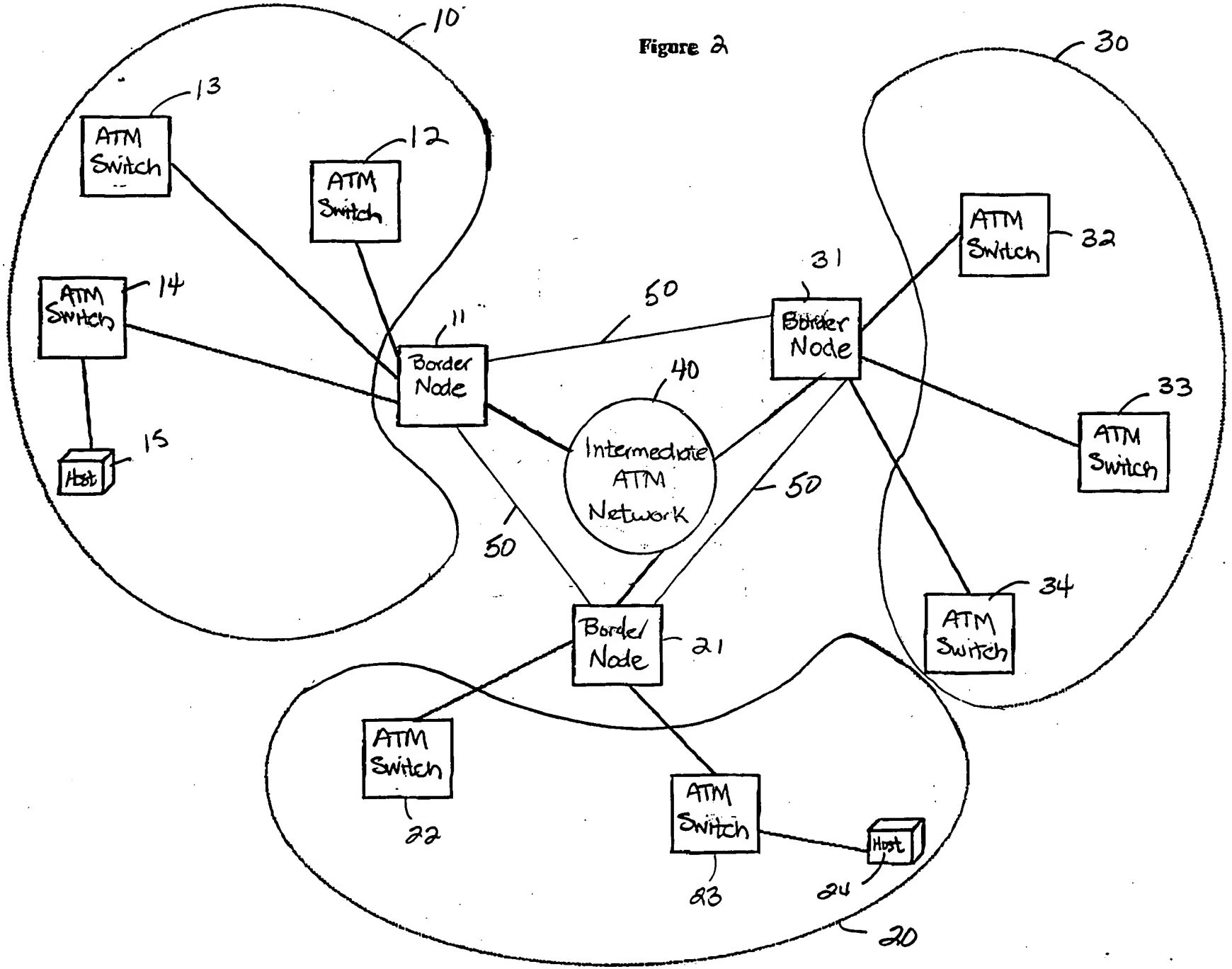
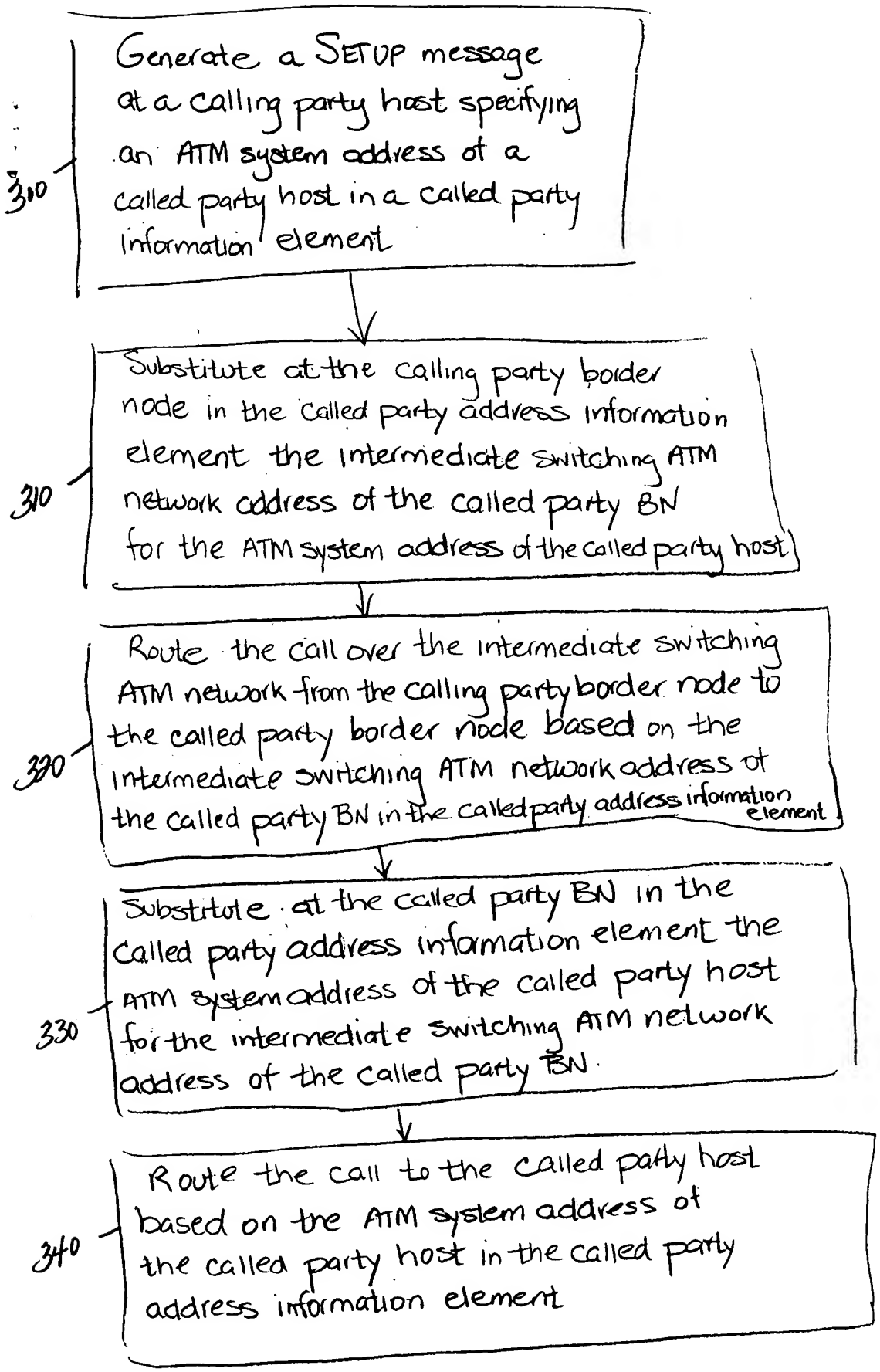

10
13
ATM Switch
12
ATM Switch
14
ATM Switch
15
Host
11
Border Node
50
31
Border Node
40
Intermediate ATM Network
50
50
30
ATM Switch
32
ATM Switch
33
34
ATM Switch
Border Node
21
ATM Switch
22
ATM Switch
23
Host
24
20

FIG. 3.


Generate a SETUP message at a calling party host specifying an ATM system address of a called party host in a called party information element
310
Substitute at the calling party border node in the called party address information element the intermediate switching ATM network address of the called party BN for the ATM system address of the called party host
310
Route the call over the intermediate switching ATM network from the calling party border node to the called party border node based on the intermediate switching ATM network address of the called party BN in the called party address information element
320
Substitute at the called party BN in the called party address information element the ATM system address of the called party host for the intermediate switching ATM network address of the called party BN
330
Route the call to the called party host based on the ATM system address of the called party host in the called party address information element
340